

PM 25 264-498 10K-4

FOLEX[®] 6-EC Cotton Defoliant

Very Low Odor - FOR FAST AND EFFECTIVE COTTON DEFOLIATION

ACTIVE INGREDIENT	
S, S, S-Tributyl phosphorothioate	70.5%
INERT INGREDIENTS	29.5%

Contains 6 pounds S, S, S-Tributyl phosphorothioate per U.S. gallon.

EPA Reg. No. 264-498

EPA Est. No.

KEEP OUT OF REACH OF CHILDREN WARNING AVISO

PRECAUCION AL USUARIO: Si usted no puede leer o entender ingles, no use este producto hasta que la etiqueta le haya sido explicada ampliamente.
(PRECAUTION TO THE USER: If you cannot read English, do not use this product until the label has been fully explained to you.)
 For **MEDICAL** And **TRANSPORTATION** Emergencies **ONLY** Call 24 Hours A Day 1-800-334-7577
 For **PRODUCT USE** Information Call 1-800-334-9745

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Call a physician or Poison Control Center. Vomiting should be induced. Drink 1 or 2 glasses of water and induce vomiting by giving one dose (1/2 oz. or 15 ml.) of Syrup of Ipecac. If vomiting does not occur within 10 or 20 minutes, administer a second dose. If Syrup of Ipecac is not available, induce vomiting by sticking finger down throat. Repeat until vomit is clear. Never give anything by mouth to an unconscious person.

IF ON SKIN: Wash with plenty of soap and water.

IF INHALED: Remove victim to fresh air. If not breathing, give artificial respiration preferably mouth to mouth. Get medical attention.

IF IN EYES: Flush eyes with plenty of water. Get medical attention if irritation persists.

NOTE TO PHYSICIAN

This product inhibits cholinesterase resulting in stimulation of the central nervous system, the parasympathetic nervous system and the somatic motor nerves. Poisoning with this product also results in cardiovascular and respiratory symptoms which must be treated as separate pathological entities apart from the cholinergic effects.

Administer atropine sulfate to reverse cholinergic symptoms; and maintain a systematic, symptomatic treatment of the cardio-vascular and respiratory effects, even though the cholinergic symptoms have ceased. Do not give central nervous system depressants. Watch for pulmonary edema, which may develop in serious cases of poisoning even after 12 hours. The use of oxygen is recommended in case of respiratory distress.

PRECAUTIONARY STATEMENTS

WARNING HAZARDS TO HUMANS AND DOMESTIC ANIMALS

May be fatal if swallowed, inhaled, or absorbed through the skin. Do not breathe spray mist. Causes substantial but temporary eye injury. Do not get in eyes, on skin, or on clothing. Wear protective clothing, rubber gloves, and goggles or face shield. Wear a mask or pesticide respiration jointly approved by the Mine Safety and Health Administration and the National Institute for Occupational Safety and Health. Wash with soap and warm water after handling and before eating, drinking or using tobacco. Remove and wash contaminated clothing before reuse.

For protection during application, wear a hat, long sleeved shirt, and long legged trousers. In addition, mixer-loaders must wear rubber or neoprene gloves.

ENVIRONMENTAL HAZARDS

This product is toxic to fish. Do not apply directly to water or wetlands. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment washwaters. Do not contaminate water by cleaning of equipment, or disposal of wastes.

PHYSICAL AND CHEMICAL HAZARDS

Do not use or store near heat or open flame.

ACCEPTED
 JULY 6 1990

U.S. Environmental Protection Agency
 Pesticide Division

RESTRICTIONS

Do not apply FOLEX® 6-EC through any type of irrigation system.

Do not graze treated fields.

Do not use on other crops used for food or forage. Avoid spray drift to susceptible plants other than cotton as this product may injure or defoliate other crops. (Coarse sprays are less likely to drift.)

DIRECTIONS FOR USE

IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELING.

Apply this product only as specified on this label.

GENERAL INFORMATION

FOLEX® 6 EC is a cotton defoliant that is used to remove leaves from cotton plants prior to anticipated harvesting. Formulated as an emulsifiable concentrate, FOLEX® 6 EC contains 6 pounds active ingredient per gallon. FOLEX® 6 EC is most commonly mixed with water and applied to cotton using either ground or aerial equipment. However, diesel oil may be substituted for water under adverse weather conditions. FOLEX® 6 EC is non-corrosive and will not damage metal parts normally used in applying spray chemicals.

FOLEX® 6 EC usually drops leaves in a green condition and will not appear effective until defoliation actually begins, approximately 3 days after application. By this time, the field will have an "off-cast" color. Under favorable conditions, satisfactory leaf drop will require 5 to 7 days. Adverse conditions, such as low temperatures and/or toughened plants (drought stressed, etc.) may extend this to 10 to 14 days.

FOLEX® 6 EC is effective when applied to cotton with a heavy dew. Once FOLEX® 6 EC has dried on the leaf, subsequent rainfall or dew does not adversely affect its activity. Application of FOLEX® 6 EC is not recommended when a heavy rainfall is expected within 1 hour after treatment. Conditions which delay absorption into the leaves are primarily those which cause the cotton leaves to be wilted, toughened, or leathery. When these conditions prevail, use diesel oil instead of water, or make 2 applications 10 to 14 days apart.

FOLEX® 6 EC does not suppress second growth especially where rainfall follows defoliation. A second application of FOLEX® 6 EC will be effective in defoliation of this second growth if excessive regrowth occurs between the first application and first and/or second harvest. FOLEX® 6 EC must be applied in sufficient water or diesel oil to give thorough coverage of the leaves. Larger droplets more effectively reach the lower leaves.

Use the higher FOLEX® 6 EC rate under conditions of low temperature, low humidity, of plant stress.

FOLEX® 6 EC may be used alone for bottom defoliation of the leaves on the lower portion of the plant as a preconditioner prior to total defoliation, or as a total defoliation treatment. FOLEX® 6 EC may also be used in combination with Dropp (tank mix).

IMPORTANT: Observe all cautions and limitations on labels of all products used in mixtures specifically when FOLEX® 6 EC is tank mixed with products for use on cotton in areas where citrus is grown. Observe buffer zones and other restrictions on the FOLEX® 6 EC label and/or in the manufacturer's recommendations for FOLEX® 6 EC.

MIXING INSTRUCTIONS

FOLEX® 6 EC ALONE: Fill the spray tank 1/2 to 3/4 full with clean water. Begin agitation and add the recommended amount of FOLEX® 6 EC. Add water to the spray tank to the desired level. Maintain sufficient agitation to ensure a uniform spray mixture during application. Follow same mixing instructions when diesel oil is substituted for water.

TANK MIXTURES: Fill the spray tank 1/2 to 3/4 full with clean water and begin agitation. When tank mixing with Dropp, add the recommended amount of Dropp first. After Dropp is thoroughly mixed with water, add the recommended amount of FOLEX® 6 EC. Add water to the spray tank to the desired level. This tank mixture is not registered for use in California. Maintain sufficient agitation while mixing and during application to ensure a uniform spray mixture. If spray mixture is allowed to remain without agitation for short periods of time, be sure to agitate until uniformly mixed before application. Do not use diesel oil when FOLEX® 6 EC is used in a tank mixture with other products. For boll opening and defoliation, see following page.

COMPATIBILITY: To determine the compatibility of FOLEX® 6 EC with other products, do the following: (1) pour the recommended proportions of the products into a suitable container of water, (2) mix thoroughly and (3) allow to stand at least five minutes. If the combination remains mixed or can be re-mixed readily, it is considered physically compatible. For further information contact your local Rhône-Poulenc representative.

SPRAY EQUIPMENT CLEANING AND DECONTAMINATION: Do not allow pesticide mixtures to dry in spray equipment. Dried pesticide residues may become resuspended and damage other crops if uncleaned spray equipment is used to apply other products during the same or the following year.

Thoroughly clean the spray equipment with a chemical cleaner before using for other products. Use a cleaner such as "Spic and Span", "Fantastic", or "Formula 409". If chlorate type chemicals have been used in the same spray equipment, thoroughly wash spray tank and particularly dried deposits on aircraft fabric.

Immediately after applying FOLEX® 6 EC, remove all unused spray mixture and follow directions on this label for disposal. Thoroughly clean the spray tank, lines, nozzles, and exterior surfaces of spray equipment. Use one of the cleaners listed above. Follow directions on this label for disposal of wash and rinse water.

APPLICATION PROCEDURES

Do not apply FOLEX® 6 EC through any type of irrigation system.

FOLEX® 6 EC alone and in a tank mixture with Dropp can be applied by both ground and aerial equipment.

GROUND APPLICATION

Use a standard high clearance sprayer that provides a uniform and accurate application. Sprayer should be equipped with screens no finer than 50 mesh in the nozzle tips and in-line strainers. A spray volume of 15 to 25 gallons per acre is recommended when FOLEX® 6 EC is applied with water and 5 to 10 gallons per acre is recommended when FOLEX® 6 EC is applied with diesel oil.

AERIAL APPLICATION

Use aerial equipment equipped with a diaphragm-type nozzle that produces cone spray patterns with a maximum spray pressure of 40 psi at the nozzle tip. Nozzles should be located no farther than 3/4 the distance from the center of the aircraft to the end of the wing or rotor. The aircraft should discharge the spray a maximum of 10 feet above the crop. Do not apply when winds may cause drift to adjacent fields.

The spray volume of 5 to 10 gallons per acre should be used when FOLEX® 6 EC and tank mixtures with FOLEX® 6 EC are applied with water. FOLEX® 6 EC alone may be applied in 3 to 5 gallons of spray volume per acre when using diesel oil.

FOLEX® 6 EC RECOMMENDATIONS

PRODUCT	RATE	DIRECTIONS
FOLEX® 6 EC	1 to 1 1/2 Pints/Acre	Bottom Defoliation: Apply when bottom bolls are mature or when youngest bolls cannot be defoliated by pressure between the thumb and the forefinger or cut through with a sharp knife. Direct spray to thoroughly cover the leaves on the desired portion of plants to be defoliated.
	1 1/3 to 2 Pints/Acre	Complete Defoliation: Apply when fiber quality of top bolls will not not be damaged by loss of top leaves, or when top bolls are firm to thumb pressure. Application can be made up until first frost but not later than 7 days prior to cotton harvest.
	3 Pints/Acre	Defoliation of Rank Cotton: Apply when 50% or more of the bolls are open. Two applications can be made 2 to 6 weeks apart for complete defoliation. Applications can be made until first frost, but not later than 7 days prior to cotton harvest. Do not apply more than 4-1/2 pints of FOLEX® 6 EC per acre in any crop season.
	2 to 3 Pints/Acre	Long Staple (Pima) Cotton Defoliation: Apply specified dosage as a tankmix with 0.2 to 0.4 lb. Dropp 50WP per acre. For best results, apply the combination to mature cotton plants with 60% or more open bolls.

FOLEX® 6 EC + DROPP TANK MIX RECOMMENDATIONS

Tank mixtures of FOLEX® 6 EC + DROPP are recommended for total defoliation when heavy regrowth control is required. Defoliation and inhibition of regrowth is obtained when the tank mixture is applied to mature cotton plants when 60% or more bolls are open. A second application of labeled rates of FOLEX® 6 EC + DROPP, or FOLEX® 6 EC alone may be made where necessary. FOLEX® 6 EC + Dropp tank mixtures are recommended for use in Alabama, Arkansas, Georgia, Louisiana, Mississippi, North Carolina, South Carolina, Tennessee and Texas.

PRODUCT	RATE	DIRECTIONS
FOLEX® 6 EC	1 to 1 1/3 Pints/Acre	Mix FOLEX® 6 EC and Dropp with water and apply the tank mixture by ground or aerial equipment for total defoliation and regrowth control when minimum night temperature is above 65°F.
+ Dropp 50 WP	0.066 to 0.1 lb/Acre	

Use the high rate of Dropp when environmental conditions favor heavy regrowth. When minimum night temperature is below 60°F use FOLEX® 6 EC alone.

Refer to Dropp label for additional use directions and cautions when using tank mixtures of FOLEX® 6 EC with Dropp.

DEFOLIATION AND BOLL OPENING

The combination of FOLEX® 6 EC and PREPR® Ethephon Plant Regulator is used for total plant defoliation and to accelerate cotton boll opening. FOLEX® 6 EC and PREPR® Ethephon Plant Regulator may be applied as a tank mixture or used in 2 separate sequential applications. A tank mixture of FOLEX® 6 EC + PREPR® is recommended for use in all cotton growing states as is applications of FOLEX® 6 EC sequential to PREPR® (minimum of 4 days between applications). FOLEX® 6 EC + PREPR® tank mixtures or sequential applications should be applied to cotton when there is sufficient mature unopened bolls to produce the desired yield and when 30% to 60% of the cotton bolls are open. If used in rank cotton, a pretreatment with FOLEX® 6 EC (See FOLEX® 6 EC RECOMMENDATIONS for use rate) may be useful to ensure thorough coverage of unopened bolls by later sequential applications of PREPR®. Refer to and observe all label use directions and precautions on the PREPR® label. Occasionally slight reduction in boll opening response has been observed when tank mixtures of FOLEX® 6 EC + PREPR® have been used.

Always follow the mixing directions found on this label or on the appropriate spray adjuvant label. Contact your local Phone-Peulenc representative for additional information or call 1-800-334-9745.

BOTTOM DEFOLIATION: Seed cotton may be lost due to rot and exposure of the bottom bolls. An application of FOLEX® 6 EC using shielded drop nozzles (four 8001 lance or two 1/8 K 1 or 1.5 flooding) to the lower leaves, will expose the mature bolls to air movement and sunlight. By removing the picker's top 8 to 12 rows of squares, the exposure bolls may be harvested. The plant is left green and flexible so the picker will not injure the untreated top leaves and immature bolls. FOLEX® 6 EC may be applied for complete defoliation when top bolls are mature.

DEPOLIATION AND INHIBITION OF REGROWTH: Apply FOLEX® 6EC at 1 to 1-1/3 pints plus 0.098 to 0.1 lb. of Dropp 50WP for defoliation and inhibition of secondary growth. Tank-mix activity is maximum when 60% or more bolls are open and the mean 24-hour temperature before and after application is above 60°F. The lower rate of each product may be used when conditions are favorable, for example, high temperatures and high humidity. Adverse conditions may require: (1) the maximum dosage, (2) a second application or (3) longer time for complete defoliation.

Do not apply FOLEX® 6EC plus Dropp 50WP to immature cotton (less than 60% bolls open) or higher than recommended product dosages, as desiccation and leaf freezing may occur.

Mix FOLEX® 6EC and Dropp 50WP combinations in the following order: (1) water, (2) Dropp 50WP (follow directions on Dropp 50WP label), (3) adjuvant, if used and (4) after Dropp 50WP has completely dispersed add FOLEX® 6EC.

STORAGE AND DISPOSAL

STORAGE

Do not store near fertilizers, seeds, insecticides, fungicides, feed or feedstuffs. Store in a cool, dry place away from open flame and extreme heat. Store in original container and out of the reach of children, preferably in locked storage area.

PESTICIDE DISPOSAL

Do not contaminate water, food or feed by storage or disposal. Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL

Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local procedures.

If container is leaking, invert to prevent leakage. Carefully dam up spilled material to prevent runoff. Refer to Precautionary Statements for hazards associated with the handling of this product. Absorb spilled material with absorbing type compounds and dispose of as directed for pesticides above. In spill or leak incidents, keep unauthorized persons away.

LIMITED WARRANTY AND DISCLAIMER

The Manufacturer warrants (a) that this product conforms to the chemical description on the label; (b) that this product is reasonably fit for the purposes set forth in the directions for use when it is used in accordance with such directions; (c) that the directions, warnings and other statements on this label are based upon responsible experts' evaluation of reasonable tests of effectiveness, of toxicity to laboratory animals and to plants; and of residues on food crops; and upon reports of field experience. Tests have not been made on all varieties or in all states or under all conditions. THE MANUFACTURER NEITHER MAKES NOR INTENDS, NOR DOES IT AUTHORIZE ANY AGENT OR REPRESENTATIVE TO MAKE, ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, AND IT EXPRESSLY EXCLUDES AND DISCLAIMS ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

THIS WARRANTY DOES NOT EXTEND TO, AND THE BUYER SHALL BE SOLELY RESPONSIBLE FOR, ANY AND ALL LOSS OR DAMAGE WHICH RESULTS FROM THE USE OF THIS PRODUCT IN ANY MANNER WHICH IS INCONSISTENT WITH THE LABEL DIRECTIONS, WARNINGS OR CAUTIONS.

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NOTICE TO BUYER

Purchase of this material does not confer any rights under patents governing this product or the use thereof in countries outside of the United States.

Dropp is a trademark of Nor-Am Chemical Corporation.

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